

SUNSYS Energy Storage Solutions

Cutting edge technologies to meet your requirements



When **energy** matters

Our outdoor energy storage systems

Our solutions are designed around two main cabinets: batterie cabinets (B-Cab) and converter cabinets (C-Cab). Our portfolio includes two versions of different capacity:

SUNSYS HES L

from 100 kVA/189 kWh to
600 kVA/1827 kWh per system

Up to 9 B-Cabs, of 189 or 203 kWh each, can be put in parallel. Each C-Cab hosts up to 6 modules of 50 kVA each, hence 300 kVA max. Up to 2 can be put in parallel, hence 600 kVA. Also available in drop and start version: assembled, mounted and cabled on a SKID.

SUNSYS HES XXL

from 1 MVA/1MWh

Up to 14 B-Cabs, of 379 or 407 kWh each, can be put in parallel. The C-Cab is a centralised converter able to operate up to 1.5 MVA. Systems can be put in parallel to reach installations of several MVA.

Both systems are using
CATL battery cabinets: B-Cab

These are high safety LFP technology battery cabinets and include fire safety. Each B-Cab is available in 0.5 C and 1 C.



SUNSY 391



SUNSY 378



SUNSY 383

Compatible with many EMS



Local and remote
management



Datacollecting and
cloud computing



Watch the video

Dedicated engineering, project management and Service teams

for wide deployment all over the world

10 years of experience in supporting customer's projects

Pre sales support

- Analysis of customer requirements.
- Pre-technical design. Project sizing.
- Quotation of the technical solution.

Project design and realization

- Allocation of a project manager to lead the project.
- Design of the complete solution.
- Production and procurement.

Tests and commissioning

- Factory acceptance tests (option).
- Site inspection.
- Site acceptance tests and commissioning.
- Documentation and customer training.

Operating and maintenance services

- Troubleshooting, data management and reporting.
- Preventive maintenance.
- Warranty management.

Our key applications

To reduce the electricity bills, to improve the resilience of your power grid and to facilitate access to electricity.



SITE 1162

Commercial and Industrial Buildings

Turn on multiple energy storage services to reduce energy costs and improve power availability.



SYMAT 020

Isolated sites

Provide a reliable power supply with multiple sources for off-grid microgrids.



SITE 1188

Resilient microgrids

Ensure energy independence for backup in case of loss of grid supply.



SITE 098

Colocation with renewables

Optimize the injection of renewable energy into the electricity network.



SITE 1027

Colocation with EVCI

Optimize the capacity and power of electric vehicle charging infrastructures.



SITE 1189

Grid support

Provide crucial support during peak demand, stabilize frequency and voltage fluctuations, and contribute to grid reliability.



CARTE 035

Worldwide references

More than 450 systems operating and serviced around the globe

Socomec: our innovations supporting your energy performance

1 independent manufacturer

4,200 employees
worldwide

8 % of sales revenue
dedicated to R&D

400 experts
dedicated to service provision

Your power management expert



POWER
SWITCHING



POWER
MONITORING



POWER
CONVERSION



ENERGY
STORAGE



EXPERT
SERVICES

The specialist for critical applications

- Control, command of LV facilities
- Safety of persons and assets
- Measurement of electrical parameters
- Energy management
- Energy quality
- Energy availability
- Energy storage
- Prevention and repairs
- Measurement and analysis
- Optimisation
- Consultancy, commissioning and training

A worldwide presence

12 production sites

- France (x3)
- Italy (x2)
- Tunisia
- India
- China (x2)
- USA (x2)
- Canada

30 subsidiaries and commercial locations

- Algeria • Australia • Austria • Belgium • China • Canada
- Dubai (United Arab Emirates) • France • Germany
- India • Indonesia • Italy • Ivory Coast • Malaysia
- Netherlands • Poland • Portugal • Romania • Serbia
- Singapore • Slovenia • South Africa • Spain • Sweden
- Switzerland • Thailand • Tunisia • Turkey • UK • USA

80 countries

where our brand is distributed

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